

Product Release Note
Oracle Banking Trade Finance
Release 14.5.2.0.0
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1. Release Notes

1.1 Background

Oracle Financial Services Software Ltd has developed Oracle Banking Trade Finance (OBTF), which is a comprehensive solution for managing Trade Finance operations for Banks.

Oracle Banking Trade Finance is an online Real-time solution and is enabled for a multi-entity, multi-currency, multi-lingual operations. OBTF is built on highly adaptable and modular architecture with leading edge industry standards and supports multi-tenancy deployments.

OBTF offers financial institutions, the flexibility to adapt to changing regulatory reforms in Trade Finance markets and enable banks to improve their overall operational efficiency. OBTF provides end-to-end capabilities for diverse range of Trade Finance Instruments in Documentary Credits, Documentary Collections, Guarantees and Stand-by-LCs products.

1.2 Purpose

The purpose of this Release Note is to propagate the enhancements in Oracle Banking Trade Finance 14.5.2.0.0.

1.3 Abbreviations

Abbreviation	Description
BC	Bills and Collections
IB	Islamic Bills and Collections
LC	Letters of Credit
LI	Islamic Letters of Credit
ECA	External Credit Approval
EA	External Accounting
ODT	Oracle Development Tools
UI	User Interface
B2C	Bank to Corporate
FCUBS	Oracle FLEXCUBE Universal Banking
MT	Message Type
OBDX – TF	Oracle Banking Digital Experience – Trade Finance
OBTF	Oracle Banking Trade Finance
OBTFPM	Oracle Banking Trade Finance Process Management
OBTR	Oracle Banking Treasury Management
SBLC	Stand By Letter of Credit
SWIFT	Society for Worldwide Interbank Financial Telecommunication

1.4 **Release Highlights**

The rationale for the product release of Oracle Banking Trade Finance version 14.5.2.0.0 is to support regulatory requirements and enhance features that are essential in competitive market.

Following are the features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions and technical qualification to comply with approved Tech Stack.

- Trade – Common Feature
 - MT 759 - Tag 23H Changes
 - MT 799 – Tag 59 Population
 - Customer Data Population
 - ECA Force Block
- Documentary Credits
 - Assignment of Proceeds Walk-in Customer Changes
 - Amendment of Closed LC's
 - Tax component in Export LC Advices
 - MT 798 – Changes of LC Messages
 - MT 798 – Changes of Bills under LC messages
 - Document Arrival Notice for Multi Tenor Bills
- Guarantees / Stand-by-LCs
 - MT 798 – Changes of Guarantee/Standby Letters of Credit Messages
- Zero Downtime Patch Set Installation

1.5 Release Enhancements

1.5.1 Trade – Common Feature

1. MT759 – Tag 23H Changes

- Description for the following function codes are updated as per the latest SWIFT 2020 change request.
 - CLSVCLOS - Closing of a service call by Trade Operations
 - CLSVOOPEN - Opening of a service call by Trade Operations
 - PREDENOT - Pre-debit notification
 - REXTMATU - Request to extend the maturity date
- REXTMATU function code is made applicable only for Letter of Credit transactions.

2. MT799 – Tag 59 Population

- System enhanced to populate tag 79 with five narrative fields with each tag 79 narrative holding 35*50 from screen 'Trade finance common group message maintenance' and from call form Common group message' of Islamic Letter of Credit/Letter of credit contract input screen and Islamic Bills and Collections/Bills and collection contract input screen.

3. Customer Data Population

- On co-deployment, the customer and customer specific details maintained in customer maintenance will be populated to Trade finance customer maintenance using a job in stipulated time interval.

4. ECA Force Block

- OBTF system has been enhanced to resend the ECA request by enabling force block automatically on receiving the following error response from FCUBS system due to insufficient balance of the account.
 - CA-ECA02 - Block Amount greater than Available Balance.
 - CA-ECA05 - Failed in account balance validation for account \$1 branch \$2.
 - CA-ECA49 - Block amount \$1 greater than available balance \$2 for the Overdraft Account
- On the above error response, OBTF will check for
 - Force posting at the branch level and Force block limit amount maintenance for the Source, Debit Currency and customer combination to initiate a second ECA request with a new external reference number and Force Block as 'F'.
- On EA response from FCUBS, OBTF parses the EA response and checks the tag <TXNSTAT> value. If it is rejected parses error nodes and logs the error, error description and marks the external system status as Error.

1.5.2 Documentary Credit

1. Assignment of Proceeds Walk – in Customer Changes

- Provision to add multiple Assignees with same walk-in customer id
- Provision to modify Walk-in Customer name in Assignee Details
- Assignee name for Bank Customers and Third Party Customers cannot be modified.
- Provision to de-support Other Party Customers as Assignees

2. Amendment of Closed LC's

- System enhanced to support Re-open of Import LCs from LC Amendment Confirmation
- Closed contract will be made available in LC Amendment confirmation
- New flag Reopen Request checkbox will be provided
- System will support Reopen of closed contracts only. Reopen of active contracts will not be allowed.
- Amendment and Cancellation of Closed contracts will be restricted. System will provide appropriate error
- Close / Cancel is supported on or after LC expiry date as per existing functionality. System will not validate LC outstanding amount during closure.
- Close / Cancel before expiry date is supported only if LC outstanding amount is zero, else system will provide appropriate error message

3. Tax Component in Export LC Advices

- Export LC Advices enhanced to provide Tax components along with Charge components

4. MT 798 – Changes of LC Messages.

- SWIFT Trade for Corporates, MT798, offers corporates the use of established interbank industry standards in Trade Finance through structured messages between corporates and banks. SWIFT 2020 standards are incorporated for below LC messages :
 - Notification of Issuance of Documentary Credit –B2C
 - Advice of Letter of Credit – B2C
 - Advice of Third Bank Documentary Credit – B2C
 - Notification of amendment of Documentary Credit - B2C
 - Advice of Amendment of Documentary Credit - B2C
 - Notification of Acceptance/Refusal of Amendment – B2C
 - Notification of Transfer of a Documentary Credit – B2C
 - Advice of Transfer of a Documentary Credit – B2C

5. MT 798 – Changes of Bills under LC Messages

- System enhanced to support MT 798 Bank-to-Corporate Bills under LC Trade Envelope Messages as per latest SWIFT 2020 standards for below messages
 - Notification of Advice of Discharge
 - Notification of Advice of Refusal
 - Response to Documentary Credit Presentation
 - Advice of Discrepancy
 - Notification of Authorization to Pay, Accept or Negotiate
 - Notification of Advice of Payment/Acceptance/Negotiation
 - Notification of Advice of Reimbursement or Payment Index
 - Settlement of Import Documentary Credit
 - Settlement of Export Documentary Credit

6. Document Arrival Notice for Multi tenor Bills

- For Multi-tenor bills the Document Arrival Notice (DAN) sent to counterparty (drawee/applicant) is enhanced to include split for each tenor, currency, bill amount, base date, tenor, and maturity date for a bill as a grid.

1.5.3 Guarantees /Standby–LC's

1. MT 798 – Changes of Guarantee/Standby Letters of Credit Messages

- SWIFT Trade for Corporates, MT798, offers corporates the use of established interbank industry standards in Trade Finance through structured messages between corporates and banks. SWIFT 2020 standards are incorporated for below Guarantee messages
 - Notification of Issuance of Guarantee/SBLC – B2C
 - Advice of issued Guarantee / Standby Letter of Credit – B2C
 - Notification of amendment of Guarantee / Standby Letter of Credit – B2C
 - Advice of amended Guarantee / Standby Letter of Credit – B2C
 - Query to extend or pay Guarantee / Standby Letter of Credit – B2C
 - Advice of Guarantee / Standby Letter of Credit Reduction or Release – B2C

1.5.4 Zero Downtime Patch Set Installation

Patch set Installation with Zero downtime (ZDT) requires Installer to use Editions in a Database Schema. Installer is enhanced to use Database Schema Editions and apply the DB compilation in patch set edition and then Base edition in a staggered manner to achieve Zero Downtime during the Patch set Installation. Installer is enhanced to have the JDBC connections through Application, Gateway etc. to point to a specific edition (Patch set edition or Base edition) at appropriate stages.

Note: For installation, refer Zero Down Time Database Setup User manual section.

2. Deprecated Functionality

- NA

3. Components of the Software

3.1 Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Note and Installer Kit
- User and Installation manuals – https://docs.oracle.com/cd/F45917_01/index.htm
- Online Help Files

3.2 Software Components

Software Components of Oracle Banking Trade Finance 14.5.2.0.0 that form part of this release are as follows:

- Host
 - UI Components (JS, XML)
 - Stored Procedures (Packages, Functions, Procedures, Triggers, Views)
 - Tables, Types, Sequences, INC
 - Reporting Components (Data models (xdmz), Reports (xdoz), Subtemplate (xsbz))
- Java application layer
 - Java sources
 - Configuration files used for deployment
- Integration Gateway
- REST Services
 - Java application layer
 - Java sources
 - Configuration files used for deployment
- Conversion Utilities
- Installation utilities
- ADF files used by Generic Interface (GI) – incoming and outgoing
- Tools
 - ODT

4. Tech Stack

4.1 Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Trade Finance	UI-Host	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	1.8 Update 281
				Open Symphony Quartz	2.3.2
		Document Management System	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
				JDK	1.8 Update 281
				Oracle Database (for RCU)	19.10.0.0.0
				Repository Creation Utility	12.2.1.4.0
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0
				Reporting Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)
		Client Systems	Windows 10	Oracle WebLogic	12.2.1.4.0
				JDK	1.8 Update 281
				Oracle Analytical Server	5.9.0
			Mac OS X	Mozilla Firefox	87+
				Google Chrome	88+
				Microsoft Edge	89+
		Single Sign On Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Mozilla Firefox for Mac	87+
				Safari	14+
				Google Chrome	88+
				JDK	1.8 Update 281
				Oracle WebLogic	12.2.1.4.0
				Repository Creation Utility	12.2.1.4.0
Oracle Identity Management	12.2.1.4.0				
Oracle Identity and Access Management	12.2.1.4.0				
Oracle Webtier Utilities	12.2.1.4.0				
Oracle Webgate	12.2.1.4.0				
Oracle Banking Trade Finance Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
	HTTP Servlet (incoming)				

	EJB (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				
Oracle Banking Trade Finance REST	Web services	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	JDK	1.8 Update 281
				Oracle WebLogic Server	12.2.1.4.0
				Oracle Toplink	12.2.1.4.0

Note: # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS X.

5. Third Party Software Details

For information on the Third Party software details, refer Oracle Banking Trade Finance 14.5.2.0.0 License Guide.